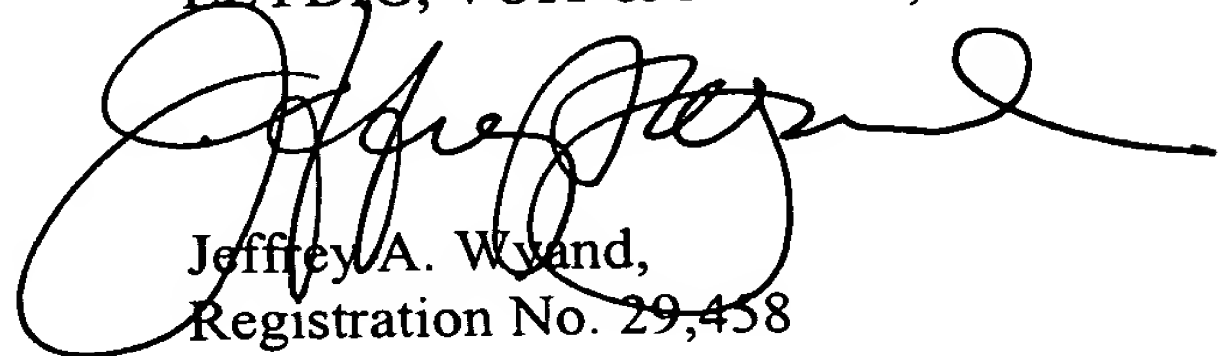


REMARKS

The foregoing amendments are made to correct minor translational errors and to meet United States requirements as to form. No new matter is added.

Respectfully submitted,

LEYDIG, VOIT & MAYER, LTD.



Jeffrey A. Wyand,
Registration No. 29,458

Suite 300
700 Thirteenth Street, N. W.
Washington, D. C. 20005
Telephone: (202) 737-6770
Facsimile: (202) 737-6776
Date: August 27, 2001
JAW:cmcg



PATENT
Attorney Docket No. 401222

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

LAWRENCE WAI MING MO

Application No.: 09/863,250

Art Unit: Unassigned

Filed: May 24, 2001

Examiner: Unassigned

For: INTERNET-BASED
FONT SERVER

**SPECIFICATION, CLAIMS AND
ABSTRACT AS PRELIMINARILY AMENDED**

Amendments to the paragraph beginning at page 2, line 24:

According to a first aspect of the invention, there is provided an Internet-based font server for access by an Internet browser to provide ~~a said~~ the browser with representations of text elements in one of a plurality of languages for browsing a web page in that language over the Internet, which server comprises an associated website for access by ~~said~~ the browser, a database of text element fonts of different sizes and styles, first means for downloading a ~~said~~ web page to the server, a parser program for identifying text codes of the text elements in ~~said~~ the web page and replacing the identified text codes with respective URL (Uniform Resource Locator) addresses, thereby converting the text of a ~~said~~ the web page into ~~said~~ the URL addresses, and second means for returning the converted web page to a ~~said~~ the browser.

Amendments to the paragraph beginning at page 3, line 11:

Preferably, the parser program is arranged to generate respective font files for the identified text codes and create ~~said~~ the URL addresses for the respective font files to replace the identified text codes with the URL addresses.

Amendments to the paragraph beginning at page 3, line 18:

~~More Preferably~~ preferable, ~~said the~~ second means is arranged to return the converted web page to a ~~said the~~ browser by downloading, successively, the font files via the respective URL addresses.

Amendments to the paragraph beginning at page 3, line 23:

It is preferred that the server is arranged to pack the font files into a single data packet for ~~said the~~ second means to return the converted web page to a ~~said the~~ browser.

Amendments to the paragraph beginning at page 3, line 26:

It is preferred that the server is arranged to match the font characteristics as specified in a ~~said the~~ web page to produce a closest match of the intended font appearance for ~~said the~~ second means to return the converted web page to a ~~said the~~ browser.

Amendments to the paragraph beginning at page 4, line 8:

More preferably, the server includes a database associated with a standard ideographic character input method and is arranged to match a received keystroke pattern of a character according to the input method with the corresponding pattern in the input method database to identify the character and then create a unique URL address for that character, by means of the parser program, for subsequent download to a ~~said the~~ browser.

Amendments to the paragraph beginning at page 4, line 23:

According to a second aspect of invention: ~~There, there~~ is provided an Internet-based front server for access by an Internet browser to provide ~~said the~~ browser with representations of text elements in one of a plurality of languages for browsing a web

page in that language over the Internet, which server comprises an associated website for access by ~~said the~~ browser, a database of text element ~~fronts~~ fonts of different sizes and styles, first means arranged to download ~~said the~~ web page to the server, a parser program arranged to identify text codes of the text elements in ~~said the~~ web page, generate respective font files for the identified text codes, and replace the identified text codes with URL (Uniform Resource Locator) addresses for the respective font files, thereby converting the text of ~~said the~~ web page into ~~said the~~ URL addresses, second means arranged to return the converted web page to ~~said the~~ browser, and third means arranged to download the font files via the respective URL addresses to ~~said the~~ browser upon request by ~~said the~~ browser.

Amendments to the paragraph beginning at page 5, line 15:

According to a third aspect of the invention, there is provided an Internet-based font server for access by an Internet browser to provide ~~said the~~ browser with representations of text elements in one of a plurality of languages for browsing a web page in that language over the Internet, which server comprises an associated website for access by ~~said the~~ browser, a database of text element fonts of different sizes and styles, a parser program at ~~said the~~ browser for identifying text codes of the text elements in ~~said the~~ web page and replacing the identified text codes with respective URL (Uniform Resource Locator) addresses, thereby converting the text of ~~said the~~ web page into ~~said the~~ URL addresses, first means for generating corresponding font files at the respective URL addresses for the identified text codes, and second means for downloading the font files via the respective URL addresses to ~~said the~~ browser upon request by ~~said the~~ browser.

Amendments to the existing claims:

1. (Amended) An Internet-based font server for access by an Internet browser to provide a ~~said~~ browser with representations of text elements in one language of a plurality of languages for browsing a web page in ~~that~~ the one language over the Internet, ~~which~~ the font server comprises comprising:

~~an associated~~ website for access by a ~~said~~ browser,
a database of text element fonts of different sizes and styles,
first means for downloading ~~said the~~ web page to the server,
a parser program for identifying text codes of the text elements in ~~said the~~ web page and replacing the identified text codes with respective URL (Uniform Resource Locator) addresses, thereby converting the text of ~~said the~~ web page into ~~said the~~ URL addresses, and

second means for returning the converted web page to ~~a said the~~ browser.

2. (Amended) The Internet-based font server as claimed in claim 1, wherein the parser program ~~is arranged to generate~~ generates respective font files for the identified text codes and ~~create said~~ creates the URL addresses for the respective font files to replace the identified text codes with the URL addresses.

3. (Amended) The Internet-based font server as claimed in claim 2, wherein said second means ~~is arranged to return~~ returns the converted web page to ~~a said the~~ browser by successively downloading ~~successively~~ the font files via the respective URL addresses.

4. (Amended) The Internet-based font server as claimed in claim 2, wherein the server ~~is arranged to pack~~ packs the font files into a single data packet for said second means to return the converted web page to ~~said the~~ browser.

5. (Amended) The Internet-based font server as claimed in claim 1, wherein the server ~~is arranged to match~~ matches the font characteristics ~~as specified in said the~~ web page to produce a closest match ~~of the~~ to an intended font appearance for said second means to return the converted web page to ~~said the~~ browser.

7. (Amended) The Internet-based font server as claimed in claim 6, wherein the server includes a database associated with a standard ideographic character input method and ~~is arranged to match~~ matches a received keystroke pattern of a character according to the input method with the corresponding pattern in the input method database to identify the character and then create a unique URL address for that character, ~~by means of~~ through the parser program, for subsequent download to ~~a said the~~ browser.

8. (Amended) The Internet-based font server as claimed in claim 1, wherein the URL addresses are determined according to an encoding scheme, in which each URL address comprises the address of the website, the text code for the respective text element, and a national code for the ~~relevant~~ font.

9. (Amended) An Internet-based font server for access by an Internet browser to provide ~~said the~~ browser with representations of text elements in one language of a plurality of languages for browsing a web page in ~~that the one~~ the one language over the Internet, ~~which the server comprises~~ comprising:

- ~~an associated~~ a website for access by ~~said the~~ browser,
- a database of text element fonts of different sizes and styles,
- first means ~~arranged to download said~~ for downloading the web page to the server,
- a parser program arranged to identify text codes of the text elements in ~~said the~~ web page, generate respective font files for the identified text codes, and replace the identified text codes with URL (Uniform Resource Locator) addresses for the respective font files, thereby converting the text of ~~said the~~ web page into ~~said the~~ URL addresses,
- second means ~~arranged to return~~ returning the converted web page converted to ~~said the~~ browser, and

third means arranged to download the font files via the respective URL addresses to ~~said the~~ browser upon request by ~~said the~~ browser.

10. (Amended) An Internet-based font server for access by an Internet browser to provide ~~said the~~ browser with representations of text elements in one language of a plurality of languages for browsing a web page in ~~that~~ the one language over the Internet, ~~which the server comprises~~ comprising:

~~an associated~~ a website for access by ~~said the~~ browser,
a database of text element fonts of different sizes and styles,
a parser program at ~~said the~~ browser for identifying text codes of the text elements in ~~said the~~ web page and replacing the identified text codes with representative URL (Uniform Resource Locator) addresses, thereby converting the text of ~~said the~~ web page into ~~said the~~ URL addresses,

first means for generating corresponding font files at the respective URL addresses for the identified text codes, and

second means for downloading the font files via the respective URL addresses to ~~said the~~ browser upon request by ~~said the~~ browser.

11. (Amended) The Internet-based font server as claimed in claim 10, wherein the server ~~is arranged to pack~~ packs the font files into a single data packet for ~~download~~ downloading by the second means.

13. (Amended) The Internet-based font server as claimed in claim 10, wherein the URL addresses are determined according to an encoding scheme, in which each URL address comprises the address of the website, the text code for the respective text element, and a national code for the ~~relevant~~ font.

Amendments to the abstract:

ABSTRACT OF DISCLOSURE

An Internet-based font server~~(10)~~ for access by an Internet browser~~(20)~~ to provide the browser~~(20)~~ with representations of text elements, such as ideographic characters, in one language of a plurality of several languages for browsing a web page ~~(30)~~ in that the one language over the Internet. The server~~(10)~~ ~~comprises~~ includes an associated website for access by the browser~~(20)~~, a database of ideographic character fonts of different sizes and styles, ~~first means (31)~~ a program for downloading the web page~~(30)~~ to the server~~(10)~~, and a parser program~~(40)~~. The parser program~~(40)~~ is arranged to identify text codes of the ideographic characters in the web page~~(30)~~ and replace the identified text codes with respective URL (Uniform Resource Locator) addresses, thereby converting the text of the web page~~(30)~~ into ~~said the~~ the URL addresses. The server~~(10)~~ ~~includes second means (46) for returning~~ returns the converted web page to the browser~~(20)~~, and ~~third means (43)~~ includes a program for downloading the font files via the respective URL addresses to the browser~~(20)~~ upon request by the browser ~~(20)~~. Alternatively, the parser program~~(40)~~ may be located at the browser~~(20)~~.